

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of

OGATA et al

Serial No.: 09/931,908

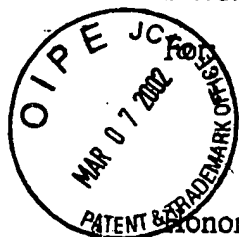
Filed: August 20, 2001

Atty. Ref.: 461-72

Group: 1731

Examiner: J. Derrington

#4
3-19-02



THERMISTOR DEVICE, THERMISTOR
DEVICE MANUFACTURING METHOD AND
TEMPERATURE SENSOR

* * * * *

Honorable Commissioner of
Patents and Trademarks
Washington, DC 20231

Sir:

**REVOCATION, NEW POWER OF ATTORNEY
AND CHANGE OF ADDRESS**

Assignee, the owner of an undivided one-half (1/2) interest of the above-identified patent, hereby appoints Larry S. Nixon, 25640; Arthur R. Crawford, 25327; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoa, 37515; Raymond Y. Mah, 41426; Chris Comuntzis, 31097; Gary T. Tanigawa, 43180 of the firm of Nixon & Vanderhye P.C., 1100 North Glebe Road, 8th Floor, Arlington, VA 22201-4714, telephone (703) 816-4000, facsimile (703) 816-4100, to transact all business in the Patent and Trademark Office in connection therewith. Every attorney at law associated with that law firm is hereby authorized to sign any paper or conduct any business on its behalf. Assignee hereby revokes all powers of attorney previously granted with respect to the subject patent.

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TC 1700

Certificate Under 37 C.F.R. §3.73(b)

DENSO Corporation, a corporation having a place of business at 1-1 Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan states that it is the assignee of the an undivided one-half (1/2) interest of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached and/or recorded at the United States Patent Office on August 20, 2001 at Reel 012099, Frame 0057.

The undersigned (whose title is typed below) is empowered to sign this statement on behalf of DENSO Corporation.

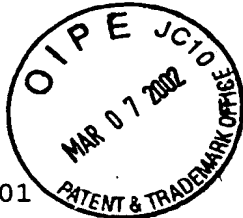
All correspondence regarding the above-identified patent is to be sent to:

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DENSO CORPORATION

By: Masashi Kamiya
Name: Masashi Kamiya
Title: General Manager
Intellectual Property Department

Date: March 4, 2002



UNITED STATES DEPARTMENT OF COMMERCE
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MCLEAN, VA 22102

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/20/2001

REEL/FRAME: 012099/0057
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
OGATA, ITSUHEI

DOC DATE: 03/01/1999

ASSIGNOR:
YAMADA, MASANORI

DOC DATE: 03/01/1999

ASSIGNOR:
YASUDA, ETURO

DOC DATE: 03/01/1999

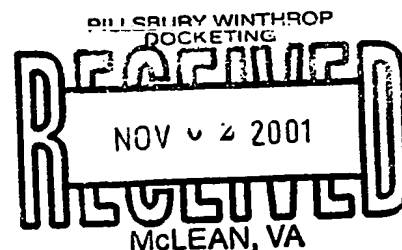
ASSIGNOR:
KUZUOKA KAORU

DOC DATE: 03/01/1999

ASSIGNEE:
DENSO CORPORATION
1-1 SHOWA-CHO
KARIYA-CITY, AICHI-PREF., 448-861

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012099/0057 PAGE 2

ASSIGNEE:

NIPPON SOKEN, INC.
14, IWAYA, SHIMOHASUMI-SHO
NISHIO-SHI, AICHI, JAPAN

SERIAL NUMBER: 09931908
PATENT NUMBER:

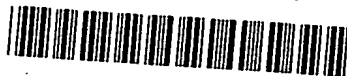
FILING DATE: 08/20/2001
ISSUE DATE:

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TO THE ASSISTANT COMMISSIONER U.S. PATENT AND TRADEMARK OFFICE
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPIES HEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Itsuhei OGATA
3. Eturo YASUDA2. Masanori YAMADA
4. Kaoru KUZUOKA5.
7.6.
8.ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1 Showa-cho, Kariya-city, Aichi-Pref., 448-861 Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☒ YES ☐ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTEREST
☐ ORIGINAL ☐ FACSIMILE/PHOTOCOPY
☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: March 1, 1999

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) March 1, 1999

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☐ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
New Application	281565				

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard
McLean, VA 22102

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
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5.5 ATTY DKT:

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UNDER ORDER NO

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MATTER NO.

CLIENT REF.

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CLIENT NO.

MATTER NO.

9.

Signature

Attorney: Glenn J. Perry

Reg. No. 28458

Atty/Sec: gjp/dlh

TEL: (703) 905-2161

Date: August 20, 2001

FAX: (703) 905-2500

10. Total number of pages including this
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05 FC:581 10.00 CH 22.00 OP

01 FC:581

40.00 OP

Continuation of item 2 RE Name/Address of Assignee(s)	
<u>Name</u> NIPPON SOKEN, INC.	<u>Address</u> 14, Iwaya, Shimohasumi-sho, Nishio-shi, Aichi, Japan

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert
ASSIGNEE's
Name(s)
Address(es))

DENSO CORPORATION

1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN

NIPPON SOKEN, INC.

14, Iwaya, Shimohasumi-cho, Nishio-shi, Aichi, Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of
Invention)

THERMISTOR DEVICE, THERMISTOR DEVICE MANUFACTURING METHOD AND

TEMPERATURE SENSOR

relating to International Patent Application PCT/JP _____/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____;

(b) filed on February 25, 1999
Serial No. _____;

Cushman, Darby & Cushman
Washington, D.C.

_____ is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) Itsuhei Ogata Itsuhei Ogata March 1, 1999
(SIGNATURE) (TYPE NAME) (DATE)

2) Masanori Yamada Masanori Yamada March 1, 1999
(SIGNATURE) (TYPE NAME) (DATE)

3) Eturo Yasuda Eturo Yasuda March 1, 1999
(SIGNATURE) (TYPE NAME) (DATE)

4) Kaoru Kuzuoka Kaoru Kuzuoka March 1, 1999
(SIGNATURE) (TYPE NAME) (DATE)

5) _____
(SIGNATURE) (TYPE NAME) (DATE)

6) _____
(SIGNATURE) (TYPE NAME) (DATE)

7) _____
(SIGNATURE) (TYPE NAME) (DATE)